

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|-------|------------------|---------|------------------|
| L1 | 15 | "359"/\$.ccls. and pon | USPAT | OR | OFF | 2005/04/26 14:59 |
| L2 | 165 | "398"/\$.ccls. and pon | USPAT | OR | OFF | 2005/04/26 15:00 |
| L3 | 0 | "398"/\$.ccls. and pon and tunablwe | USPAT | OR | OFF | 2005/04/26 15:00 |
| L4 | 31 | "398"/\$.ccls. and pon and tunable | USPAT | OR | OFF | 2005/04/26 15:38 |
| L5 | 0 | 370/392.ccls. and pon and tunable | USPAT | OR | OFF | 2005/04/26 15:38 |
| L6 | 0 | 370/395.1.ccls. and pon and tunable | USPAT | OR | OFF | 2005/04/26 15:38 |
| L7 | 6 | 370/395.1.ccls. and pon | USPAT | OR | OFF | 2005/04/26 15:38 |
| L8 | 3 | 370/485-486.ccls. and pon | USPAT | OR | OFF | 2005/04/26 15:39 |
| L9 | 1 | 370/488-490.ccls. and pon | USPAT | OR | OFF | 2005/04/26 15:39 |
| S1 | 3 | (370/462 and (grant adj message)) and (@AD<="19990319") and amplifier | USPAT | OR | OFF | 2004/07/29 14:23 |
| S2 | 4842 | optical adj amplifier | USPAT | OR | OFF | 2004/07/29 14:24 |
| S3 | 1 | S2 and (grant adj message) | USPAT | OR | OFF | 2004/07/29 14:24 |
| S4 | 3 | S2 and (grant same downstream) | USPAT | OR | OFF | 2004/07/29 14:26 |
| S5 | 8 | S2 and grant and downstream and upstream | USPAT | OR | OFF | 2004/07/29 14:34 |
| S6 | 2 | S5 and (@AD<="19990319") | USPAT | OR | OFF | 2004/07/29 14:35 |
| S7 | 0 | S2 and (burst adj mode adj receiver) and downstream and upstream | USPAT | OR | OFF | 2004/07/29 14:28 |
| S8 | 0 | S7 and (burst adj mode adj receiver) | USPAT | OR | OFF | 2004/07/29 14:28 |
| S9 | 0 | (optical and (grant same bits) and bandwidth and allocation) and (@AD<="19990319") and (burst adj mode adj receiver) | USPAT | OR | OFF | 2004/07/29 14:29 |
| S10 | 0 | ploam and (@AD<="19990319") and amplifier | USPAT | OR | OFF | 2004/07/29 14:34 |
| S11 | 510 | S2 and downstream and upstream | USPAT | OR | OFF | 2004/07/29 14:36 |
| S12 | 2 | "l12" and pon | USPAT | OR | OFF | 2004/07/29 14:35 |
| S13 | 23 | "l12" and (optical with access) | USPAT | OR | OFF | 2004/07/29 14:35 |
| S14 | 17 | S13 and (@AD<="19990319") | USPAT | OR | OFF | 2004/07/29 14:37 |
| S15 | 416808 | S14 (slot or timeslot) | USPAT | OR | OFF | 2004/07/29 14:36 |
| S16 | 0 | S14 and (slot or timeslot) | USPAT | OR | OFF | 2004/07/29 14:36 |
| S17 | 55 | S2 and downstream and upstream and (timeslot or slot) | USPAT | OR | OFF | 2004/07/29 14:36 |
| S18 | 39 | S17 and (@AD<="19990319") | USPAT | OR | OFF | 2004/07/29 14:37 |

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| S19 | 1 | "5917822".pn. | USPAT | OR | OFF | 2005/04/25 10:56 |
| S20 | 68 | optical and (grant same bits) and bandwidth and allocation | USPAT | OR | OFF | 2004/07/28 15:40 |
| S21 | 46 | (optical and (grant same bits) and bandwidth and allocation) and (@AD<="19990319") | USPAT | OR | OFF | 2004/07/29 14:29 |
| S22 | 3 | optical and (grant same bits same identifier) and bandwidth and allocation | USPAT | OR | OFF | 2004/07/28 15:42 |
| S23 | 2 | optical and (grant same bits same first same second same plurality) | USPAT | OR | OFF | 2004/07/28 15:43 |
| S24 | 64 | optical and (grant adj message) | USPAT | OR | OFF | 2004/07/28 15:43 |
| S25 | 13 | optical and ((grant adj message) same bits) | USPAT | OR | OFF | 2004/07/28 15:44 |
| S26 | 9 | (optical and ((grant adj message) same bits)) and (@AD<="19990319") | USPAT | OR | OFF | 2004/07/28 15:52 |
| S27 | 4 | ((grant adj message) with bits) | USPAT | OR | OFF | 2004/07/28 15:52 |
| S28 | 17 | ploam | USPAT | OR | OFF | 2004/07/28 15:52 |
| S29 | 4 | ploam and (@AD<="19990319") | USPAT | OR | OFF | 2005/04/25 10:56 |
| S30 | 2 | (ploam and (@AD<="19990319")) and grant | USPAT | OR | OFF | 2004/07/28 15:54 |
| S31 | 254 | 370/462 and grant | USPAT | OR | OFF | 2004/07/28 15:56 |
| S32 | 14 | (370/462 and grant) and (grant with bits) | USPAT | OR | OFF | 2004/07/28 15:55 |
| S33 | 12 | ((370/462 and grant) and (grant with bits)) and (@AD<="19990319") | USPAT | OR | OFF | 2004/07/28 15:56 |
| S34 | 21 | 370/462 and (grant adj message) | USPAT | OR | OFF | 2004/07/28 16:00 |
| S35 | 13 | (370/462 and (grant adj message)) and (@AD<="19990319") | USPAT | OR | OFF | 2004/07/29 14:23 |
| S36 | 0 | 370/462 and ((grant adj message) same identifier same function) | USPAT | OR | OFF | 2004/07/28 16:01 |
| S37 | 0 | ((grant adj message) same identifier same function) | USPAT | OR | OFF | 2004/07/28 16:01 |
| S38 | 2 | 370/462 and ((grant adj message) same identifier) | USPAT | OR | OFF | 2004/07/28 16:01 |
| S39 | 0 | "6463075".pn. and encapsul\$ | USPAT | OR | OFF | 2005/04/19 16:21 |
| S40 | 1 | "6760444".pn. | USPAT | OR | OFF | 2005/04/19 16:21 |
| S41 | 1 | "6496505".pn. | USPAT | OR | OFF | 2005/04/19 16:21 |
| S42 | 24 | (passive with optical with network) and olt and onu and splitter | USPAT | OR | OFF | 2005/04/25 11:00 |
| S43 | 11 | S42 and (@AD<="19990319") | USPAT | OR | OFF | 2005/04/25 10:58 |

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|-----|-----|---|-------|----|-----|------------------|
| S44 | 1 | S43 and (ploam or grant) | USPAT | OR | OFF | 2005/04/25 11:00 |
| S45 | 10 | (passive with optical with network) and olt and splitter and (ploam or grant) | USPAT | OR | OFF | 2005/04/25 10:58 |
| S46 | 1 | S45 and (@AD<="19990319") | USPAT | OR | OFF | 2005/04/25 10:58 |
| S47 | 21 | (passive with optical with network) and splitter and (ploam or grant) | USPAT | OR | OFF | 2005/04/25 10:58 |
| S48 | 9 | S47 and (@AD<="19990319") | USPAT | OR | OFF | 2005/04/25 10:59 |
| S49 | 2 | (passive with optical with network) and (line with terminator) and splitter | USPAT | OR | OFF | 2005/04/25 11:01 |
| S50 | 0 | S49 and (@AD<="19990319") | USPAT | OR | OFF | 2005/04/25 11:00 |
| S51 | 55 | (passive with optical with network) and olt and onu | USPAT | OR | OFF | 2005/04/25 11:00 |
| S52 | 21 | S51 and (@AD<="19990319") | USPAT | OR | OFF | 2005/04/25 11:01 |
| S53 | 4 | S52 and (ploam or grant) | USPAT | OR | OFF | 2005/04/25 11:00 |
| S54 | 6 | (passive with optical with network) and (line with terminator) | USPAT | OR | OFF | 2005/04/25 11:05 |
| S55 | 2 | S54 and (@AD<="19990319") | USPAT | OR | OFF | 2005/04/25 11:05 |
| S56 | 2 | S55 and (ploam or grant) | USPAT | OR | OFF | 2005/04/25 11:05 |
| S57 | 798 | (passive with optical with network) | USPAT | OR | OFF | 2005/04/25 11:05 |
| S58 | 538 | S57 and (@AD<="19990319") | USPAT | OR | OFF | 2005/04/25 11:18 |
| S59 | 24 | S58 and (ploam or grant) | USPAT | OR | OFF | 2005/04/25 15:33 |
| S60 | 0 | "6411410".pn. and grant | USPAT | OR | OFF | 2005/04/25 11:18 |
| S61 | 10 | olt and (grant or ploam) and splitter | USPAT | OR | OFF | 2005/04/25 11:23 |
| S62 | 1 | S61 and (@AD<="19990319") | USPAT | OR | OFF | 2005/04/25 11:21 |
| S63 | 12 | olt and (bits) and splitter | USPAT | OR | OFF | 2005/04/25 11:21 |
| S64 | 5 | S63 and (@AD<="19990319") | USPAT | OR | OFF | 2005/04/25 11:23 |
| S65 | 24 | olt and onu and splitter | USPAT | OR | OFF | 2005/04/25 11:23 |
| S66 | 11 | S65 and (@AD<="19990319") | USPAT | OR | OFF | 2005/04/25 11:23 |
| S67 | 1 | S58 and (("grant/request") or ("request/grant")) | USPAT | OR | OFF | 2005/04/25 11:26 |
| S68 | 2 | S58 and ploam | USPAT | OR | OFF | 2005/04/25 11:26 |
| S69 | 23 | S58 and grant | USPAT | OR | OFF | 2005/04/25 11:26 |
| S70 | 798 | (passive with optical with network) | USPAT | OR | OFF | 2005/04/25 12:45 |
| S71 | 538 | S70 and (@AD<="19990319") | USPAT | OR | OFF | 2005/04/25 13:25 |
| S72 | 136 | S71 and (grant or request) | USPAT | OR | OFF | 2005/04/25 12:45 |
| S73 | 12 | S72 and olt | USPAT | OR | OFF | 2005/04/25 13:24 |
| S74 | 0 | pon and (tunable with transceiver) | USPAT | OR | OFF | 2005/04/25 13:25 |
| S75 | 162 | (tunable with transceiver) | USPAT | OR | OFF | 2005/04/25 13:25 |

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|-----|-----|---|-------|----|-----|------------------|
| S76 | 117 | S75 and (@AD<="19990319") | USPAT | OR | OFF | 2005/04/25 13:25 |
| S77 | 0 | S76 and olt | USPAT | OR | OFF | 2005/04/25 13:26 |
| S78 | 26 | S76 and optical | USPAT | OR | OFF | 2005/04/25 13:29 |
| S79 | 1 | "6411410".pn. and tunable | USPAT | OR | OFF | 2005/04/25 15:32 |
| S80 | 0 | "6411410".pn. and amplifier | USPAT | OR | OFF | 2005/04/25 15:32 |
| S81 | 0 | "6411410".pn. and birst | USPAT | OR | OFF | 2005/04/25 15:32 |
| S82 | 0 | "6411410".pn. and burst | USPAT | OR | OFF | 2005/04/25 15:33 |
| S83 | 798 | (passive with optical with network) | USPAT | OR | OFF | 2005/04/25 15:33 |
| S84 | 538 | S83 and (@AD<="19990319") | USPAT | OR | OFF | 2005/04/25 15:33 |
| S85 | 10 | S84 and (burst with mode with receiver) and amplifier | USPAT | OR | OFF | 2005/04/25 15:36 |
| S86 | 2 | S84 and (switchable with amplifier) | USPAT | OR | OFF | 2005/04/25 15:37 |
| S87 | 24 | S84 and (upstream with amplifier) | USPAT | OR | OFF | 2005/04/25 15:37 |